

AMENDMENTS TO THE CLAIMS

This listing of claims replaces all prior versions, and listings, of claims in the application:

What is claimed is:

1. (Currently Amended) A method of recycling waste comprising:
obtaining a liquid waste material resulting from the manufacture of a first product; and
utilizing the obtained liquid waste material as an air entraining admixture in the
production of a second product[[.]]; and
wherein the step of utilizing includes incorporating the liquid waste into a grinding stage
of cement clinker, and wherein the first product is a soap or shampoo.
2. (Original) The method of claim 1 wherein the waste material has a pH greater than 8.0.
3. (Original) The method of claim 1 wherein the waste material has a BOD greater than 1000 mg/L.
4. (Original) The method of claim 1 wherein the waste material comprises water, at least one surfactant, and at least one fragrance.
5. (Original) The method of claim 1 wherein the waste material causes foaming in aeration tanks of treatment plants.
6. (Original) The method of claim 1 wherein the waste material is a soap or shampoo.
7. (Canceled)
8. (Currently amended) The method of claim 1 wherein the first waste product is a product ~~adapted to be used to wash a person's skin or hair.~~
9. (Original) The method of claim 1 wherein the second product comprises cement, and the waste material is used in formation of at least some of the clinker used in the cement.
10. (Currently amended) The method of claim [[10]] 9 wherein the waste is added during finish grinding of the clinker.

11. (Original) The method of claim 1 wherein the second product comprises concrete, and the waste material is mixed with cement and water to form the concrete.
12. (Currently amended) The method of claim 1 wherein the second product comprises concrete, and substantially all of the water in the concrete is water from the waste material.
13. (Original) The method of claim 1 wherein the waste material comprises at least one of the following: materials not meeting specifications, expired product, and discontinued product.
14. (Original) The method of claim 1 wherein the waste materials comprises rinse water used in purging of lines, clean-up operations, and rinsing of equipment and tanks.
15. (Currently amended) The method of claim 1 wherein the method further comprises: obtaining a waste material resulting from the manufacture of a shampoo, the waste material comprising essentially shampoo or diluted shampoo, and utilizing the obtained waste material as an air entraining admixture in the production of a concrete comprising clinker and a water, the waste material being added to the concrete either as part of the clinker or as an ingredient in addition to the clinker and water.
16. (Original) A cement product manufactured using the method of claim 1.
17. (Original) The cement product of claim 16, the product comprising a cement wherein the amount of waste material is 0.05% to 0.75% of the amount of cement clinker on a weight to weight basis of the cement.
18. (Original) The cement product of claim 16 wherein the cement product is concrete.
19. (Original) The concrete of claim 18 wherein the amount of waste materials is 0.05% to 3% of the amount of cement on a weight-to-weight basis used in the concrete.
20. (Original) The concrete of claim 18 wherein the amount of waste materials is 5% to 20% of the amount of cement on a weight-to-weight basis used in the concrete.

21. (Original) The cement product of claim 16 wherein the cement product is a concrete structure.
22. (Currently amended) The cement product of claim 16 wherein the cement product is cement manufactured by calcining and incorporating shampoo waste during grinding of the cement clinker comprising calcined shampoo waste.
23. (Canceled)
24. (New) A method of recycling waste comprising:
obtaining a liquid waste material resulting from the manufacturing process of soap or shampoo;
utilizing the obtained liquid waste material as an air entraining admixture in the production of concrete; and
wherein the step of utilizing includes at least partially replacing a concrete mix water with the liquid waste such that substantially all of the water in the concrete is water from the waste material.